

U. S. Department of Agriculture
Bureau of Agricultural Economics
and
U. S. Department of Commerce
Weather Bureau

Nebr. Dept. of Agr. & Inspection
Division of Agr'l. Statistics
and
Agricultural Extension Service
Of Nebr. College of Agr.

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 10-3-50 - 11:00 A.M.

Week Ending 10-2-50

WEATHER The week averaged colder than normal over the western portion of the State, near normal in the central and above normal in the east. A change to much colder weather overspread the State over the week-end, reaching the southeast by Sunday. Precipitation was light over most of the State until the week-end when moderate to heavy rains fell over the central third of the State and heavy to excessive rains over the east. Chadron had one inch of snow on the ground Monday morning. Freezing temperatures occurred from Chadron eastward to Gordon Thursday morning and over the Panhandle Monday morning.

CROPS Corn progressed rapidly toward maturity during the past week, and by October 1 approximately 80% was out of danger from frost. In the remaining 20% the stage of maturity varies greatly and a hard freeze would result in loss of yield and quality. The frost Monday night is believed to have caused localized damage but definite appraisal cannot be determined for a few days.

Winter wheat is getting an excellent start this autumn. Substantial rains fell in the Panhandle in southwestern Nebraska during the second week of September after the bulk of the wheat had been seeded. Heavy rains fell in south central and southeastern counties during the third week and in the eastern third of the state on October 1. This made soil moisture conditions ideal for wheat throughout the state. It will give wheat an excellent start and insure plenty of top growth for wind and winter protection. It will enable the plant to get a good root growth, which is also important for winter survival. Wheat is growing rapidly and a lot of winter pasture is in prospect. Prior to the September and October 1 rains, the soil in western Nebraska and parts of eastern Nebraska was dry and very unfavorable.

Considerable of the sorghum forage has been harvested but much of the grain sorghum is late and immature. The recent freeze was favorable for potatoes in western Nebraska. The harvest of dry edible beans is nearing completion. Fields were generally good but yields were reduced somewhat by hail. Rains that occurred after the beans had ripened, and prior to harvest, reduced the quality causing some discoloration. Sugar beets are promising. Harvest has started in central Nebraska and is expected to start in western Nebraska by the close of the week.

The condition of pasture is excellent. Some alfalfa will make a fourth cutting. Fall sown alfalfa and grasses are doing well. Reports on alfalfa seed yield vary considerably. Antelope county reports intermediate wheatgrass yielding from 200 to 300 pounds per acre with re-cleaned seed selling for 85¢ a pound.

LIVESTOCK Several southwestern counties have reported screw worm in cattle. Several counties reported reluctance in buying feeder cattle because of the high price. Any considerable damage to corn from frost may increase the demand for feeder cattle. The outlook for fall wheat pasture is excellent.

Weather Bureau Telegraphic Report of Precipitation for Week Ending October 2, 1950

<u>Eastern Division</u>	<u>Central Division</u>	<u>Western Division</u>
Grand Island 1.11	Burwell 2.37	Chadron 0.82
Lincoln 2.49	North Platte 0.18	Hayes Center .01
Norfolk 1.32	Valentine 0.69	Scottsbluff .20
Omaha 2.90		Sidney .20
Sioux City 1.05		

[illegible]

		SEPTEMBER										OCTOBER			
		26TH		27TH		28TH		29TH		30TH		1ST		2ND	
		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
NW	CHADRON	79	48	84	47	65	29	72	42	45	39	52	35	41	31
	SCOTTSBLUFF	78	45	81	48	66	40	71	44	54	43	61	37	43	32
	SIDNEY	74	45	77	53	64	46	68	50	59	44	—	34	—	32
N-C	BURWELL	74	48	73	55	70	47	68	53	71	54	82	—	—	—
	VALENTINE	77	53	77	51	65	40	68	50	56	44	—	—	40	33
NE	NORFOLK	—	—	76	58	70	51	66	56	77	67	85	45	55	42
	SIOUX CITY	78	46	76	56	77	48	65	57	76	65	85	51	61	44
CEN.	GRAND ISLAND	76	54	74	57	74	50	63	54	84	66	87	46	59	42
E-C	LINCOLN	74	55	76	60	72	53	63	57	84	68	82	52	72	46
	OMAHA	75	53	74	59	72	52	66	56	81	67	78	69	71	46
SW	HAYES CENTER	71	49	75	56	72	—	66	53	78	62	78	40	48	35
	NORTH PLATTE	73	52	73	55	71	49	66	55	75	56	71	40	47	36

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